

WHAT IS CLAIMED IS:

1. An antenna unit comprising:
at least one of radiating elements;
an antenna ground element;
a dielectric member; and
a circuit board, wherein
the dielectric member is arranged between the radiating element and the antenna ground element, and
the radiating element and the antenna ground element are held to the dielectric member with a predetermined slant relative to the circuit board.
2. The antenna unit according to claim 1, wherein:
the dielectric member is made of resin; and
the antenna ground element is arranged inside the dielectric element by insert molding.
3. The antenna unit according to claim 1, wherein:
the radiating elements include a first radiating element and a second radiating element; and
the second radiating element is integrally arranged with the dielectric member.
4. The antenna unit according to claim 3, wherein the first radiating element and the second radiating element are arranged adjacent to each other.

5. The antenna unit according to claim 3, wherein:
the second radiating element has a hollow portion; and
the first radiating element is arranged in the hollow
portion.

6. The antenna unit according to claim 1, wherein the first
radiating element functions as a part of an antenna for an
onboard unit of an electronic toll collecting system.